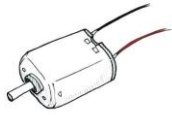


DC MOTOR



2 WIRES

SERVO MOTOR



3 WIRES

STEPPER MOTOR

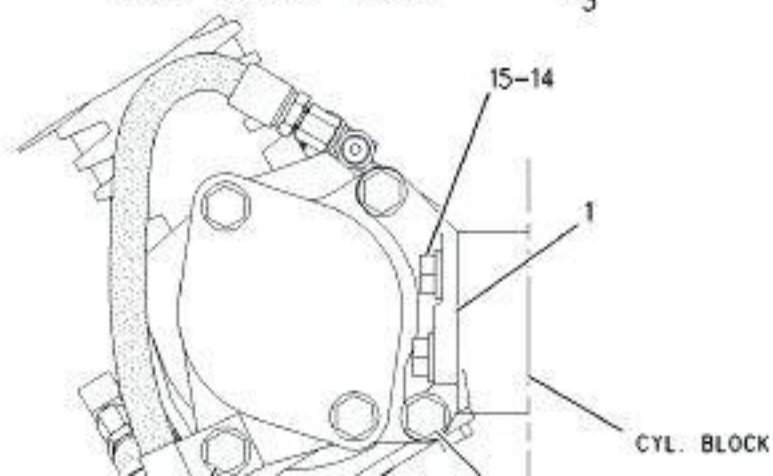
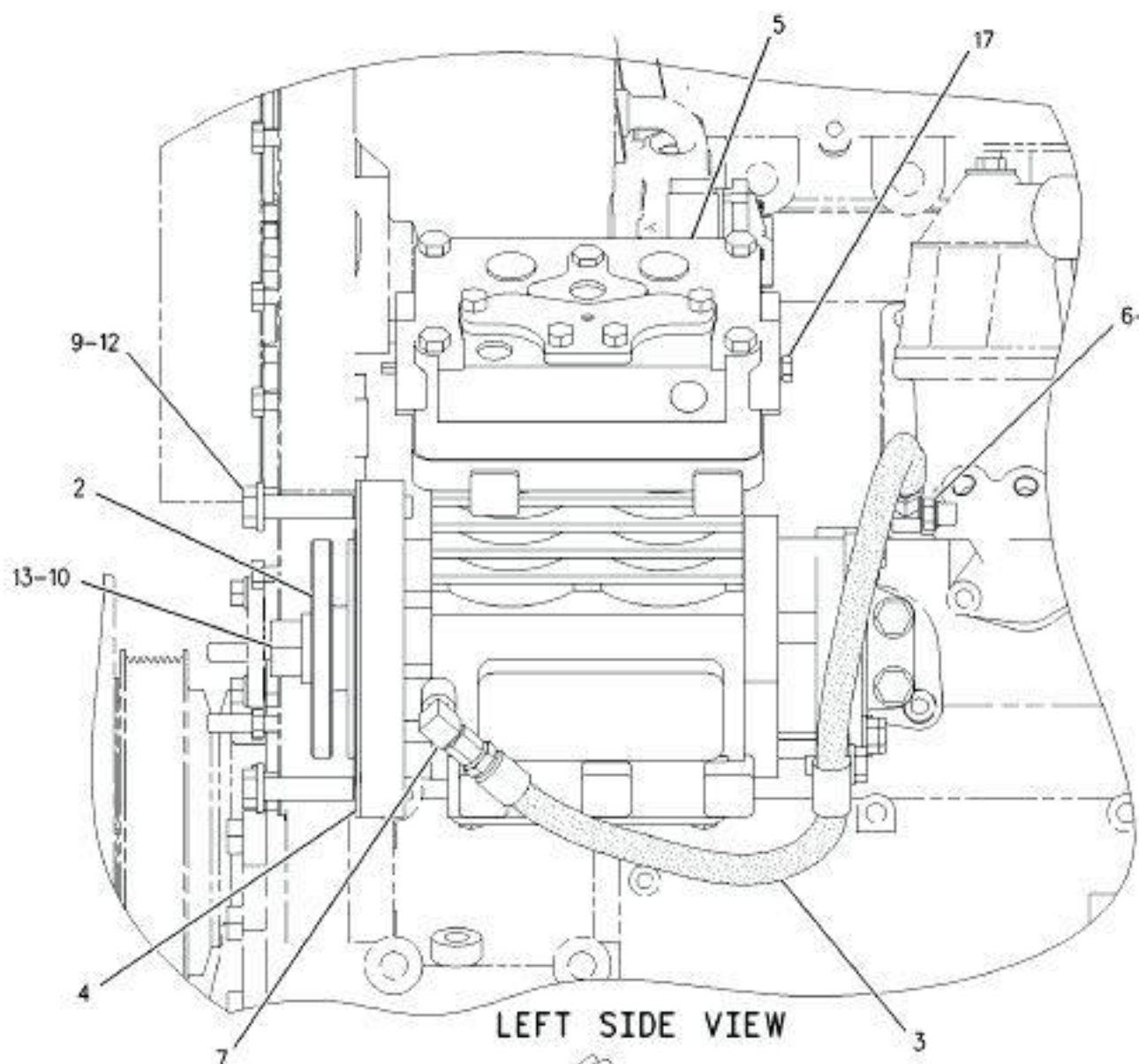


LOTS OF WIRES

BASIC ENGINE

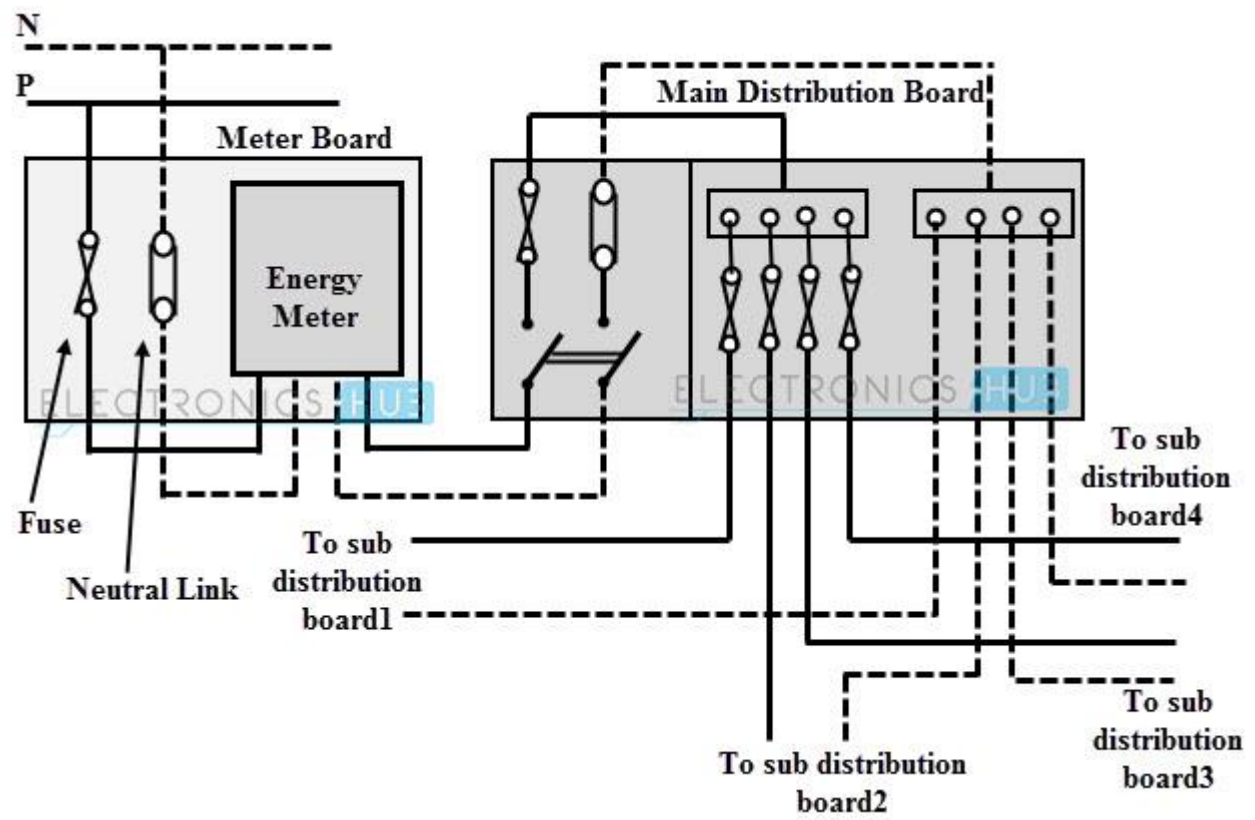
222-2869 AIR COMPRESSOR GP (contd.)

i01



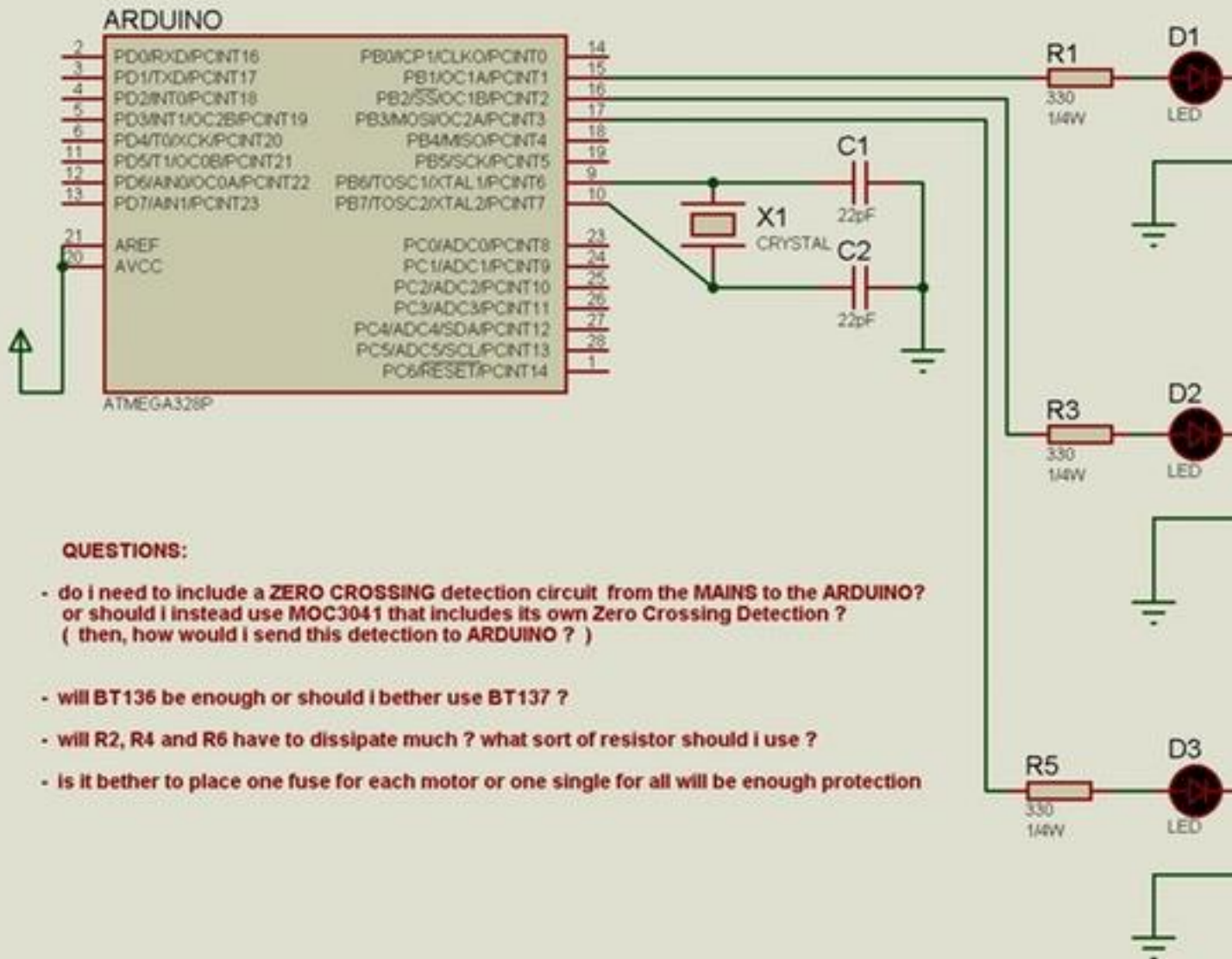
[illegible]





PWM CONTROLLED FLOOR FANS (INDUCTION AC M

FIRST DESIGN TEST (to be corrected)



QUESTIONS:

- do i need to include a **ZERO CROSSING** detection circuit from the **MAINS** to the **ARDUINO**? or should i instead use **MOC3041** that includes its own Zero Crossing Detection ? (then, how would i send this detection to **ARDUINO** ?)
- will **BT136** be enough or should i bether use **BT137** ?
- will **R2**, **R4** and **R6** have to dissipate much ? what sort of resistor should i use ?
- Is it bether to place one fuse for each motor or one single for all will be enough protection